

UPSC Daily Current Affairs| One Liners 10-08-2026

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Geography

Mising community - Assam

Mising community is Assam's second-largest plains tribe, famous for their unique ability to live in harmony with the seasonal floods of the Brahmaputra River.

• **Lifestyle of Mising community -**

- **Chang Ghar** - Houses built using bamboo and wood on raised platforms.
 - Can be easily rebuilt if a catastrophic flood hits.
- Agricultural cycles align perfectly with the river's natural ebb and flow.
- Sustainable fishing methods during the monsoon.

• Their animist faith, sowing festival Ali-Aye-Ligang and handloom traditions embody a cultural ecology that offers vital lessons for climate resilience.

The Boro people (also known as the Bodo) are Assam's first-largest plains tribe, making up over 1/3RD of the state's total scheduled tribe population.

Polity & Governance

13th BRICS Education Ministers' Meeting

13th BRICS Education Ministers' Meeting was recently held in Bhubaneswar, Odisha.

- **Hosted by** - Ministry of Education under India's BRICS Chairship 2026.
- **Theme** - "Building for Resilience, Innovation, Cooperation, and Sustainability".

• **Areas of focus**

- Early Childhood Care and Education (ECCE).
- Skill Development.
- Research and Innovation.
- Mutual Recognition of Qualifications.
- Academic Leadership.

• **Outcomes -**

- Member nations signed the 13th BRICS Education Ministers' Declaration to implement future-ready, humanity-first education policies.

- **BRICS Network University Expansion** - To incorporate traditional and indigenous knowledge as a brand-new International Thematic Group.

E-Samudra platform

Union Minister recently launched the E-Samudra platform in Mumbai to drive the digital transformation of India's maritime governance.

- **Developed by** - Ministry of Ports, Shipping and Waterways (MoPSW) alongside technology partner CMS Computers India Ltd.

- **Objective** - To integrate ecosystem transitions maritime administration from a traditional office-based setup into a "Digital First and Faceless Governance" model.

- **Capabilities of E-Samudra**

- **Single Digital Window** - Consolidates essential workflows for ports, shipping companies, and seafarers.

- **Paperless Transactions** - Facilitates secure online payments and real-time tracking of requests.

- **Digital Certificates** - Automatically generates and issues tamper-proof, verified digital credentials.

- **Vessel Modules** - Features dedicated utilities like the Ship Registration Module to expedite administrative approvals

- **Broader seafarer welfare ecosystem**

- **e-NAVIK** - A 24/7 centralized grievance redressal portal designed to resolve seafarer issues seamlessly.

- **d-SEA** - The Digital Seafarers Employment Agreement, ensuring transparent contractual safeguards.

- **Tracking Dashboard** - A protective tracking utility under development to keep tabs on workforce logistics and deployment.

Ministry of Ports, Shipping and Waterways

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All Set for
TOMORROW

★ CHIEF GUEST ★
SHRI SARBANANDA SONOWAL
HON'BLE UNION CABINET MINISTER,
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

The **Seafarer Security & Safety,**
Seafarer Welfare Programme and
Inauguration of the **E-Samudra Project** Awaits

Strengthening
Seafarer Security
& Safety

Focused on
Seafarer
Welfare

Inauguration of
E-Samudra
Project

A programme dedicated to strengthening seafarer **welfare** and **security**,
alongside the inauguration of two **key maritime initiatives**.

Date: 8th August 2026

Independent India's 1st caste enumeration

Ladakh is officially set to lead Independent India's first complete caste enumeration as part of the upcoming Census 2027.

- This is the first comprehensive caste-wise enumeration since the British-era 1931 Census.
- Census 2027 will be India's first digital census, but Ladakh will mainly use paper schedules for security reasons.
 - Paper schedules will help prevent geo-tagging of sensitive defence locations near border areas.
- The 2011 SECC was an independent survey and lacked statutory backing under the Census Act, 1948.
 - Its caste data was not publicly released due to data-quality errors.
- Census 2027 will include an open-ended caste column, enabling nationwide mapping of social demographics.

1881-1931: British Raj included caste enumeration in Census	2016: SECC data published, caste excluded
1951: Junked in independent India's first Census, except for SCs and STs	2018: Rajnath Singh, then home minister, speaks about OBC data collection in Census 2021
1961: States allowed to conduct surveys to prepare their OBC lists	2023: Cong demands an 'up-to-date' caste census
2011: UPA undertakes caste enumeration as a part of Socio-Economic & Caste Census	2024: Bihar, Telangana publish caste survey data. Karnataka undertook survey, yet to release data

India - 300 GW Non-Fossil Fuel Power Capacity

India has officially crossed 300 GW of installed non-fossil fuel-based electricity generation capacity, reaching 300.50 GW as of 2026.

- The clean energy now accounts for more than 54% of India's total electricity capacity (which stands at roughly 552 GW), pushing fossil-fuel-based power below the halfway mark.
- Capacity Breakdown as per Ministry of New and Renewable Energy (MNRE)
 - **Solar Power** - 164.59 GW (up from 2.8 GW in 2014)
 - **Wind Power** - 58.14 GW
 - **Hydro Power (Large & Small)** - 57.24 GW
 - **Bio-power** - 11.75 GW
 - **Nuclear Power** - 8.78 GW.

INDIA CROSSES 300 GW

NON-FOSSIL FUEL POWER CAPACITY

Achieves over 60% of 500 GW target by 2030

BREAKDOWN OF NON-FOSSIL FUEL CAPACITY (As on 31.07.2026)

 Solar Power	164.59 GW
 Wind Power	58.14 GW
 Hydro Power (Large & Small)	57.24 GW
 Bio-power	11.75 GW
 Nuclear Power	8.78 GW

TOTAL NON-FOSSIL CAPACITY 300.50 GW



Share of non-fossil fuel capacity in total electricity generation capacity (around 552 GW)



Record addition of
55.29 GW
non-fossil capacity
in 2025-26



Renewable energy
generation increased
from **190.96 BU**
(2014-15) to **477.79 BU**
(2025-26)



Domestic solar PV
module capacity
under ALMM crosses
200 GW
(from 2.3 GW in 2014)



National Green
Hydrogen Mission
driving India towards
a clean energy
future



India is advancing towards
a clean, self-reliant and
sustainable energy future
and is on track to achieve
500 GW
non-fossil fuel capacity
by 2030.

Agriculture

Mithila Makhana

1st-Ever Export of GI-tagged Mithila Makhana has been exported to Australia from Bihar recently.



Mithila Makhna

- It got Geographical Indication (GI) tag in 2022 with its origin in Bihar's Mithila region.
- Mithila region accounts for nearly 85% of India's overall Makhana (fox nut/gorgon nut) cultivation.
- **Nutrition –**
 - Highly rich in plant-based protein, calcium, magnesium, and antioxidants
 - Low in cholesterol and fat.

Environment

India's first fishermen-driven removal initiative

India's first fishermen-driven removal initiative was launched to combat the ecological crisis caused by invasive alien species in the Ujani reservoir in Maharashtra.

- **Launched by** – Bombay Natural History Society (BNHS)
- The Ujani reservoir on the Bhima River—is infested with invasive species i.e, suckermouth catfish.
- This community-backed project incentivises local fishers to systematically capture and extract destructive invasive fish.
- It blends environmental conservation with micro-economics to protect native aquatic biodiversity and local livelihoods.

Striped Hyena's elusive life

A recent 2026 study published in the journal *Oryx* reveals that living alongside wildlife does not guarantee knowing it, demonstrating how the Striped Hyena's (*Hyaena hyaena*).

• Study conducted by –

- Human and Environment Alliance League (HEAL)
- National Centre for Biological Sciences (NCBS).

• Striped Hyena's secretive lifestyle heavily distorts local perceptions in shared human-dominated landscapes.

• Researchers found confusion over its identity, mixed feelings about its scavenging and stress the need for tailored, informative conservation outreach.

Striped hyena



• **Scientific name** – *Hyaena hyaena*

• It is a *solitary, nocturnal scavenger* native to North and East Africa, the Middle East, Central Asia, and the Indian subcontinent.

• It is the only living species in the genus *Hyaena* and is Near Threatened on the IUCN Red List,

• **Population** – fewer than 10,000 mature individuals remaining globally.

Science

EVEREST Rocket Engine

Astrobase Space Technologies unveiled EVEREST, a rocket engine, recently.



- It is India's first privately built 800 kN Full-Flow Staged Combustion (FFSC) liquid oxygen and liquid methane rocket engine.

- India joins Russia, the USA, and China as nations with FFSC capability.

- **Engine specifications**

- **Thrust** - 800 kilonewtons (80-tonne class)

- **Propellant** - Liquid Oxygen (LOX) and Liquid Methane (Methalox).

- **Specific Impulse** - 340 seconds

- **Throttle Range** - 50% to 110%

- **Application** - Reusable medium-lift launch vehicles.

Miscellaneous

International Day of the World's Indigenous Peoples

- **Observed on** – August 9 (annually).
- **Established by** – United Nations General Assembly in 1994.
- **Commemoration of** – First meeting of the UN Working Group on Indigenous Populations in 1982.
- **Objective** – To promote and protect the rights of indigenous populations worldwide.
- **Theme for 2026** – “Honouring Indigenous Midwives: Safeguarding Life and Well-being.”



UNITED NATIONS

INTERNATIONAL DAY OF THE WORLD'S INDIGENOUS PEOPLES 2026

 **9 AUGUST 2026**

CELEBRATING CULTURE. RESPECTING RIGHTS.
BUILDING A BETTER FUTURE TOGETHER.


PROTECT
INDIGENOUS
RIGHTS


PRESERVE
LANGUAGES &
CULTURES


SUPPORT
SUSTAINABLE
DEVELOPMENT


PROMOTE
EDUCATION &
OPPORTUNITIES


RESPECT
DIVERSITY &
EQUALITY

RELATED TOPICS:  Cultural Diversity  Indigenous Heritage  Human Rights  Environmental Conservation  Traditional Knowledge

**Our Roots.
Our Cultures.
Our Future.
Our Rights.**